Subject:	Backup Alarm Installation Recommendations
Models Years Affected:	2020-Beyond
Models Affected:	Chevrolet Silverado/GMC Sierra 2500/3500 HD Series
Origination Date:	June 13, 2024
Revision Date:	TBD

ADVISORY:

Condition/Concern:

Some customers, dealers, or upfitters may have concerns or questions about adding a backup alarm to vehicles that do not have option code 8S3. They may notice that the alarm sounds when the customer is entering or exiting the vehicle, due to the backup lamps being activated with the perimeter lighting and key fob acknowledgment.

Repair/Recommendations:

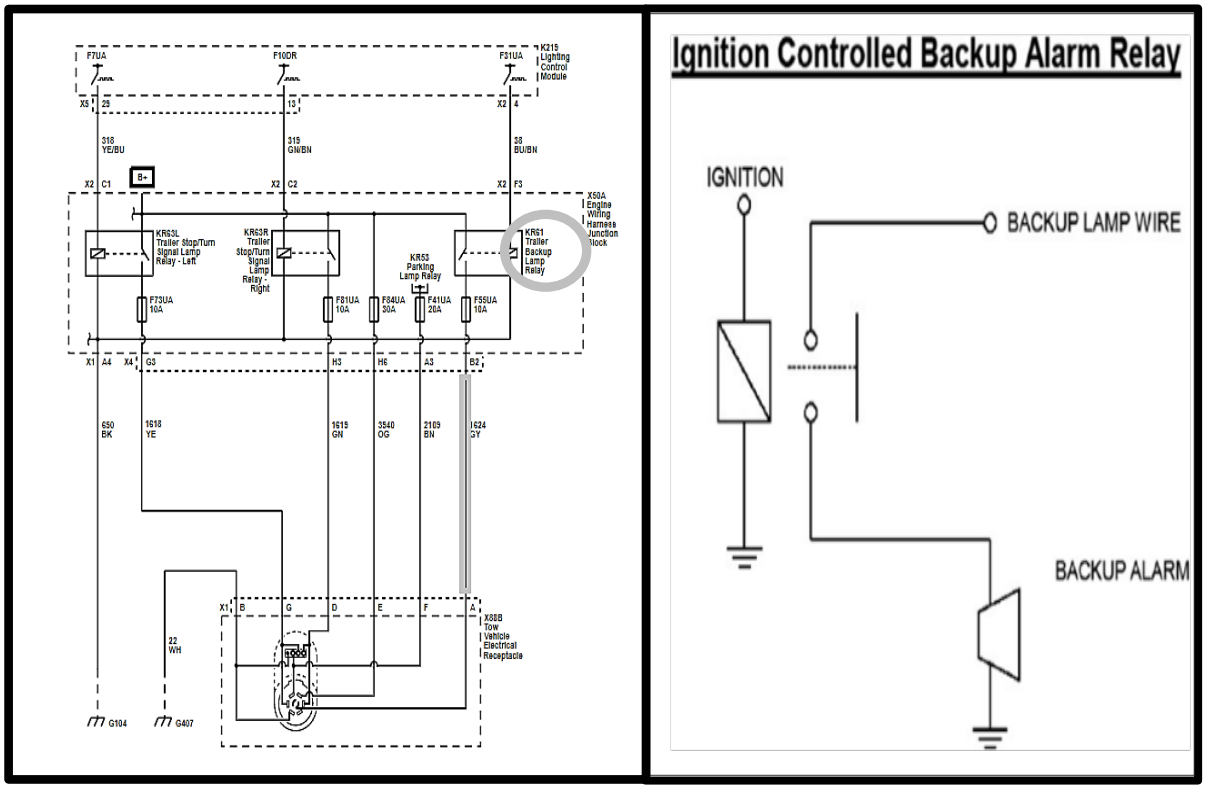
To avoid operation upon entry and exit from the vehicle there are two options we will discuss.

1. Have a GM dealer reprogram the vehicle's Body Control Module to include the **SFW [backup alarm calibration] option**. This calibration permanently disables the perimeter lighting feature and will eliminate the activation of the back-up alarm when exiting and/or key fob activation. The back-up alarm can then be wired directly to the back-up lamp circuit directly and will operate (alarm sounded) when the vehicle is in reverse, and the back-up lamps are illuminated.

Note: An administrative fee is applicable, and this fee is typically passed on to the customer and is in addition to the labor charges by the dealer for the reprogramming event.

Disclaimer: GM Upfitter Integration Technical Bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service and/or modification of a vehicle. These properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. Contact GM Upfitter Integration for information on whether the information is applicable your vehicle.

2. Install an ignition-controlled relay to connect the backup alarm to the backup lamp circuit. This setup ensures that the backup alarm will only function when the ignition is on, and the backup lamps are illuminated (see the sample mechanism below).



Note: Ignition source can be found in the X260/X213A upfitter connector - pin 13, up under the IP. See UI TSB 155x for more information on the location and connector diagram.

Additional Information:

Refer to page 51 of GM Upfitter Integration Electric Best Practices manual for recommendation on performing multiple wire splices (GM UI Electrical Best Practices)

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